

9/14/05

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 13 SEP 2005 HIGHEST RN 863091-33-2  
DICTIONARY FILE UPDATES: 13 SEP 2005 HIGHEST RN 863091-33-2

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2005

Please note that search-term pricing does apply when conducting SmartSELECT searches.

\*\*\*\*\*  
\*  
\* The CA roles and document type information have been removed from \*  
\* the IDE default display format and the ED field has been added, \*  
\* effective March 20, 2005. A new display format, IDERL, is now \*  
\* available and contains the CA role and document type information. \*  
\*  
\*\*\*\*\*

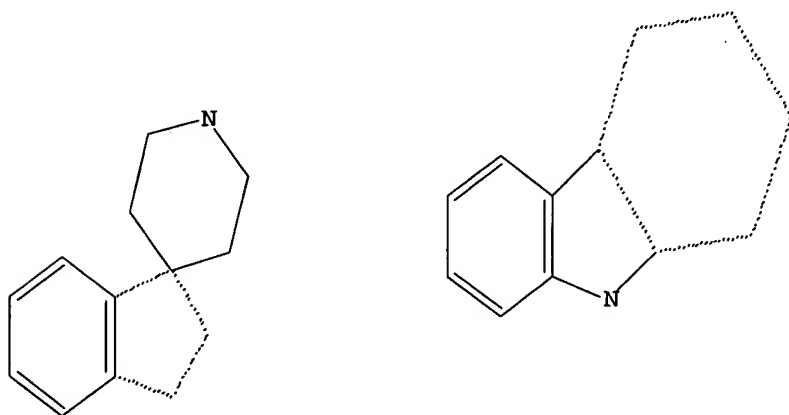
Structure search iteration limits have been increased. See HELP SLIMITS for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:  
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>  
Uploading C:\Program Files\Stnexp\Queries\10669606.str

L1 STRUCTURE UPLOADED

=> d l1  
L1 HAS NO ANSWERS  
L1 STR



Structure attributes must be viewed using STN Express query preparation.

10669606

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=> s l1

SAMPLE SEARCH INITIATED 13:41:54 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 535 TO ITERATE

100.0% PROCESSED 535 ITERATIONS 3 ANSWERS  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 9313 TO 12087  
PROJECTED ANSWERS: 3 TO 163

L2 3 SEA SSS SAM L1

=> s l1 ful

FULL SEARCH INITIATED 13:41:58 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 10612 TO ITERATE

100.0% PROCESSED 10612 ITERATIONS 22 ANSWERS  
SEARCH TIME: 00.00.01

L3 22 SEA SSS FUL L1

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	161.33	161.54

FILE 'CAPLUS' ENTERED AT 13:42:01 ON 14 SEP 2005  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
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FILE COVERS 1907 - 14 Sep 2005 VOL 143 ISS 12  
FILE LAST UPDATED: 13 Sep 2005 (20050913/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l3

L4 1 L3

=> d abs bib hitstr

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2005 ACS on STN

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GI For diagram(s), see printed CA Issue.  
AB The title compds. I and II [A = (substituted) 5- or 6-membered heteroarom. ring or 5-, or 6-membered (hetero)cycloalkane ring; B = (hetero)cycloalkyl, (hetero)cycloalkenyl, or (hetero)aryl; L = alkylene; X, Y = a divalent linkage from the group consisting of alkylene, alkylene-OR<sub>3</sub>, alkylene-N(R<sub>3</sub>)COR<sub>4</sub>, alkylene-C(O)NR<sub>3</sub>R<sub>4</sub>, alkylene-N(R<sub>3</sub>)CO<sub>2</sub>R<sub>4</sub>, alkylene-N(R<sub>3</sub>)C(O)NR<sub>3</sub>R<sub>4</sub>, alkylene-C(O), O, C(O), N(R<sub>3</sub>), C(O)N(R<sub>3</sub>), S(O)k, and SO<sub>2</sub>N(R<sub>3</sub>); R<sub>1</sub>, R<sub>2</sub> = H, alkyl, alkenyl, alkynyl, heteroalkyl, aryl, arylalkyl, NR<sub>6</sub>C(O)R<sub>5</sub>, C(O)R<sub>5</sub>, and NR<sub>5</sub>C(O)NR<sub>6</sub>; R<sub>b</sub> = alkyl, aryl, OR<sub>7</sub>, C(O)R<sub>7</sub>, and C(O)NR<sub>7</sub>R<sub>8</sub>; R<sub>3</sub>, R<sub>4</sub> = H, (hetero)alkyl, aryl, arylalkyl, etc.; R<sub>5</sub>, R<sub>6</sub>, R<sub>7</sub>, and R<sub>8</sub> = H, alkyl, aryl, arylalkyl, etc.; p = 0-4; k = 0-2; with the proviso that X and Y are not both O, N(R<sub>3</sub>), S(O)k, or SO<sub>2</sub>N(R<sub>3</sub>)] were prepared as MCHR modulators in the treatment and/or prevention of endocrine, metabolic, cardiovascular, neurol., psychiatric, gastrointestinal, genitourinary and other disorders. For example, reaction of (2S)-2,3-dihydro-2-hydroxy-spiro[1H-indene-1,4'-piperidine]-1'-carboxylic acid 1,1-dimethylethyl ester (preparation given) with 9-ethyl-9H-carbazole-3-carboxaldehyde yielded compound III. The prepared compds. were evaluated for MCHR2 modulation using a functional cell-based assay and most of them displayed potencies of 10 µM or less.

AN 2004:290467 CAPLUS

DN 140:303531

TI Preparation of piperidinylmethyl carbazole derivatives as MCHR modulators

IN Chen, Xiaoqi; Dai, Kang; Fan, Pingchen; Fu, Ying; Li, Leping; Mihalic, Jeffrey T.

PA Tularik Inc., USA

SO PCT Int. Appl., 90 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004028459	A2	20040408	WO 2003-US30379	20030924
	WO 2004028459	A3	20040916		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	US 2004142956	A1	20040722	US 2003-669606	20030923
	CA 2499876	AA	20040408	CA 2003-2499876	20030924
	EP 1549646	A2	20050706	EP 2003-754909	20030924
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			

PRAI US 2002-413335P P 20020924

WO 2003-US30379 W 20030924

OS MARPAT 140:303531

IT 676606-93-2P 676607-01-5P 676607-06-0P

RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)

(preparation of piperidinylmethyl carbazole derivs. as MCHR modulators)

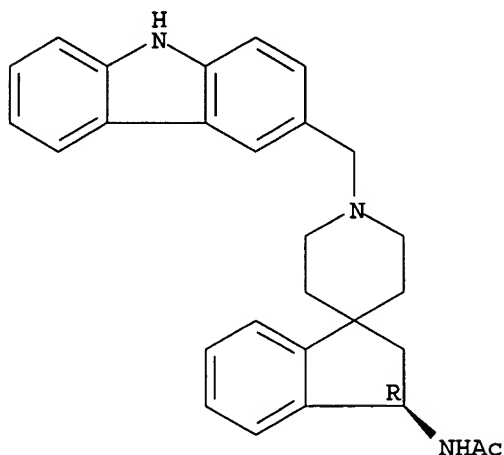
RN 676606-93-2 CAPLUS

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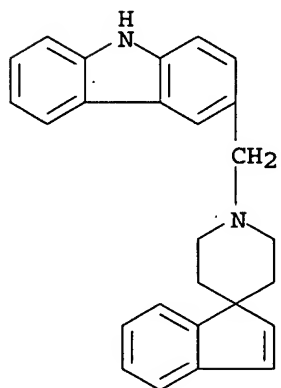
CN Acetamide, N-[(3R)-1'-(9H-carbazol-3-ylmethyl)-2,3-dihydrospiro[1H-indene-1,4'-piperidin]-3-yl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 676607-01-5 CAPLUS

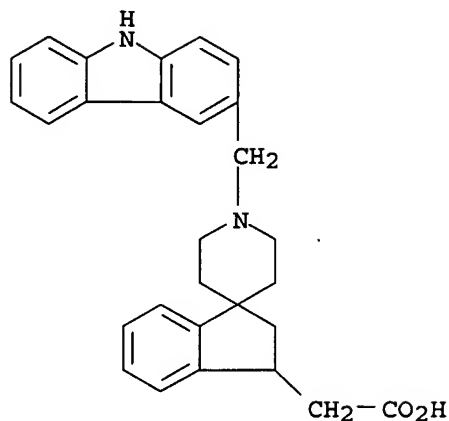
CN Spiro[1H-indene-1,4'-piperidine], 1'-(9H-carbazol-3-ylmethyl)- (9CI) (CA INDEX NAME)



RN 676607-06-0 CAPLUS

CN Spiro[1H-indene-1,4'-piperidine]-3-acetic acid, 1'-(9H-carbazol-3-ylmethyl)-2,3-dihydro-, monosodium salt (9CI) (CA INDEX NAME)

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● Na

IT 676606-89-6P 676606-90-9P 676606-92-1P  
676606-94-3P 676606-95-4P 676606-96-5P  
676606-97-6P 676606-98-7P 676606-99-8P  
676607-00-4P 676607-02-6P 676607-03-7P  
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676607-08-2P 676607-10-6P

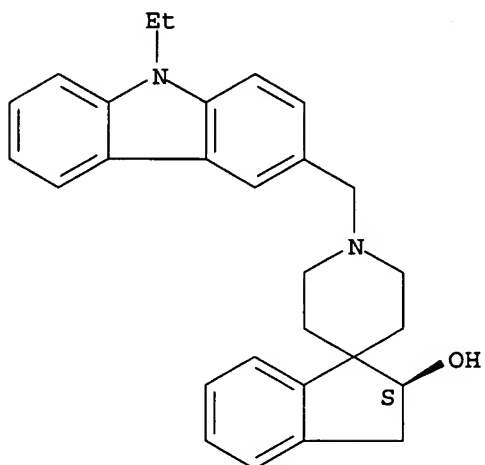
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of piperidinylmethyl carbazole derivs. as MCHR modulators)

RN 676606-89-6 CAPLUS

CN Spiro[1H-indene-1,4'-piperidin]-2-ol, 1'-[(9-ethyl-9H-carbazol-3-yl)methyl]-2,3-dihydro-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

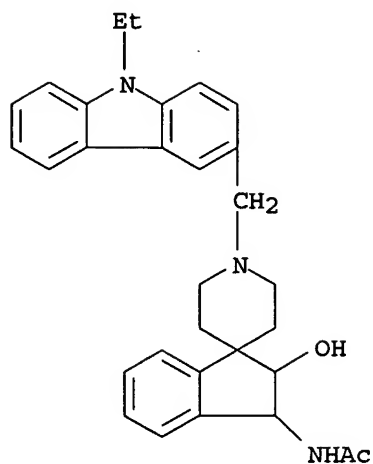


RN 676606-90-9 CAPLUS

CN Acetamide, N-[1'-[(9-ethyl-9H-carbazol-3-yl)methyl]-2,3-dihydro-2-hydroxyspiro[1H-indene-1,4'-piperidin]-3-yl]- (9CI) (CA INDEX NAME)

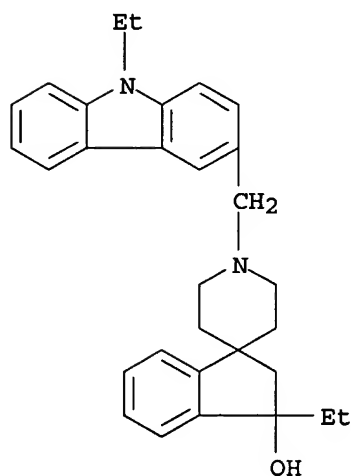
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RN 676606-92-1 CAPLUS

CN Spiro[1H-indene-1,4'-piperidin]-3-ol, 3-ethyl-1'--[(9-ethyl-9H-carbazol-3-yl)methyl]-2,3-dihydro- (9CI) (CA INDEX NAME)

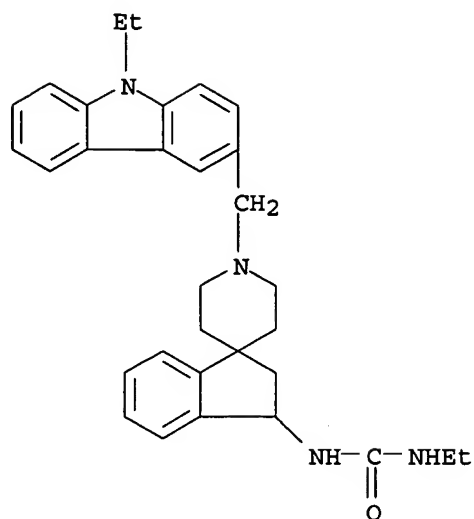


RN 676606-94-3 CAPLUS

CN Urea, N-ethyl-N'--[1'--[(9-ethyl-9H-carbazol-3-yl)methyl]-2,3-dihydrospiro[1H-indene-1,4'-piperidin]-3-yl]- (9CI) (CA INDEX NAME)

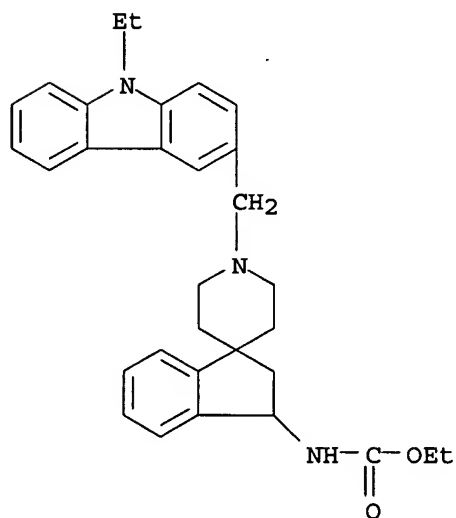
10669606

9/14/05



RN 676606-95-4 CAPLUS

CN Carbamic acid, [1'-[(9-ethyl-9H-carbazol-3-yl)methyl]-2,3-dihydrospiro[1H-indene-1,4'-piperidin]-3-yl]-, ethyl ester (9CI) (CA INDEX NAME)

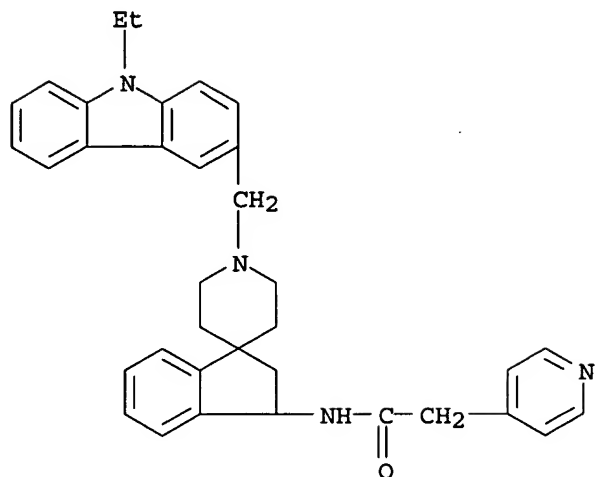


RN 676606-96-5 CAPLUS

CN 4-Pyridineacetamide, N-[1'-[(9-ethyl-9H-carbazol-3-yl)methyl]-2,3-dihydrospiro[1H-indene-1,4'-piperidin]-3-yl]- (9CI) (CA INDEX NAME)

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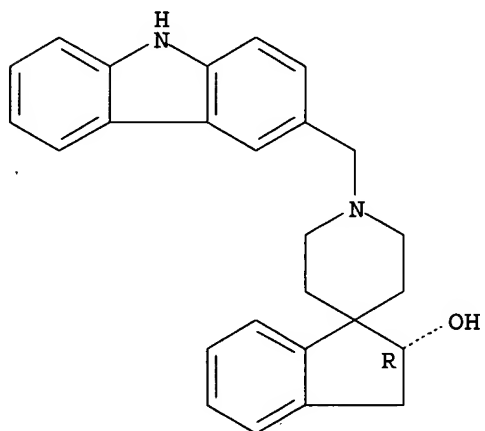
9/14/05



RN 676606-97-6 CAPLUS

CN Spiro[1H-indene-1,4'-piperidin]-2-ol, 1'-(9H-carbazol-3-ylmethyl)-2,3-dihydro-, (2R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

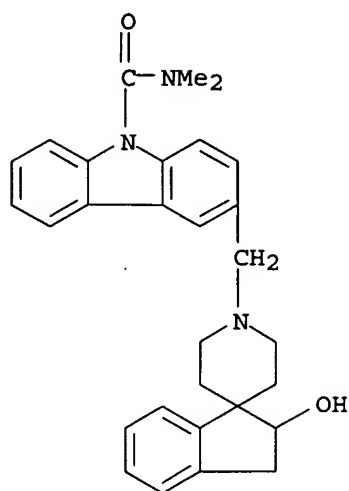


RN 676606-98-7 CAPLUS

CN 9H-Carbazole-9-carboxamide, 3-[(2,3-dihydro-2-hydroxyspiro[1H-indene-1,4'-piperidin]-1'-yl)methyl]-N,N-dimethyl- (9CI) (CA INDEX NAME)

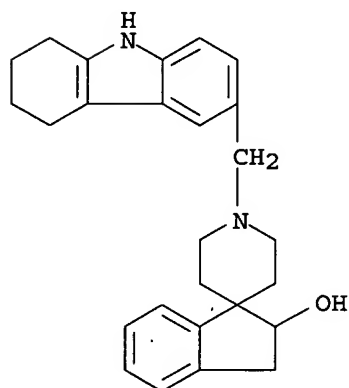


9/14/05



RN 676606-99-8 CAPLUS

CN Spiro[1H-indene-1,4'-piperidin]-2-ol, 2,3-dihydro-1'-[(2,3,4,9-tetrahydro-1H-carbazol-6-yl)methyl]- (9CI) (CA INDEX NAME)

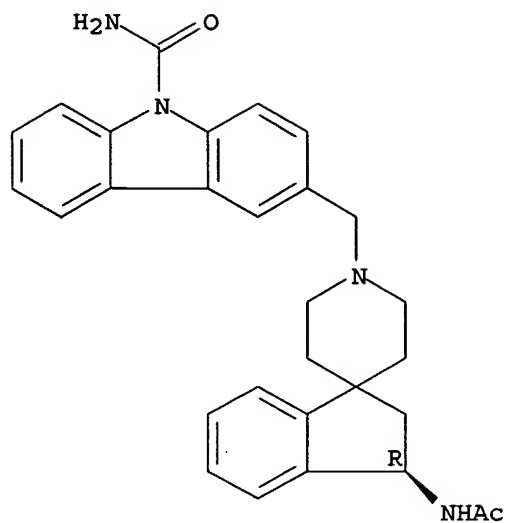


RN 676607-00-4 CAPLUS

CN 9H-Carbazole-9-carboxamide, 3-[[[(3R)-3-(acetylamino)-2,3-dihydrospiro[1H-indene-1,4'-piperidin]-1'-yl]methyl]- (9CI) (CA INDEX NAME)

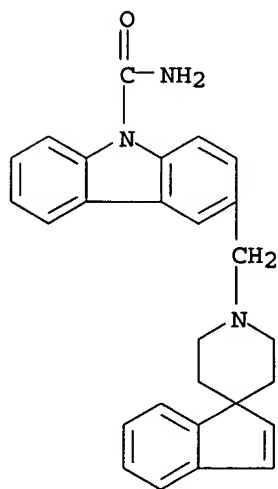
Absolute stereochemistry.

9/14/05



RN 676607-02-6 CAPLUS

CN 9H-Carbazole-9-carboxamide, 3-(spiro[1H-indene-1,4'-piperidin]-1'-ylmethyl)- (9CI) (CA INDEX NAME)

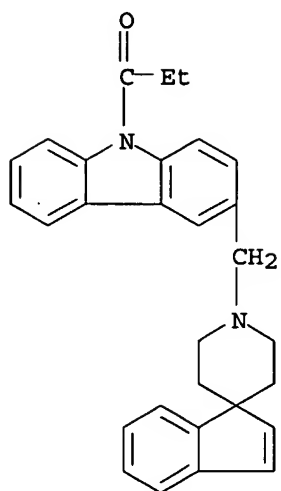


RN 676607-03-7 CAPLUS

CN 9H-Carbazole, 9-(1-oxopropyl)-3-(spiro[1H-indene-1,4'-piperidin]-1'-ylmethyl)- (9CI) (CA INDEX NAME)

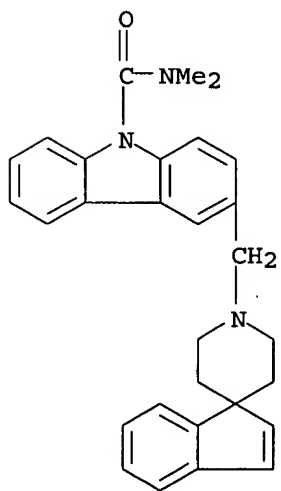
10669606

9/14/05



RN 676607-04-8 CAPLUS

CN 9H-Carbazole-9-carboxamide, N,N-dimethyl-3-(spiro[1H-indene-1,4'-piperidin]-1'-ylmethyl)- (9CI) (CA INDEX NAME)

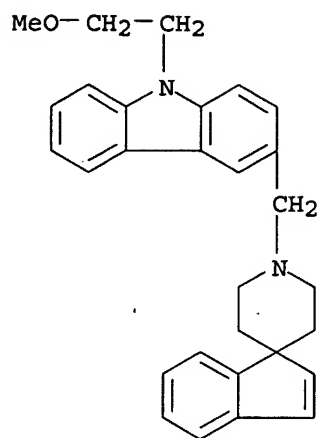


RN 676607-05-9 CAPLUS

CN Spiro[1H-indene-1,4'-piperidine], 1'--[[9-(2-methoxyethyl)-9H-carbazol-3-yl]methyl]- (9CI) (CA INDEX NAME)

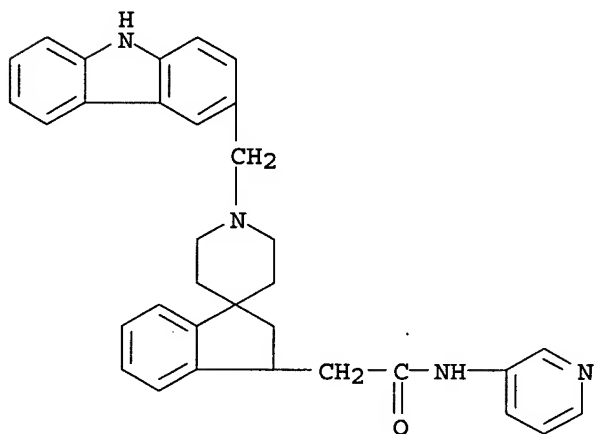
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RN 676607-07-1 CAPLUS

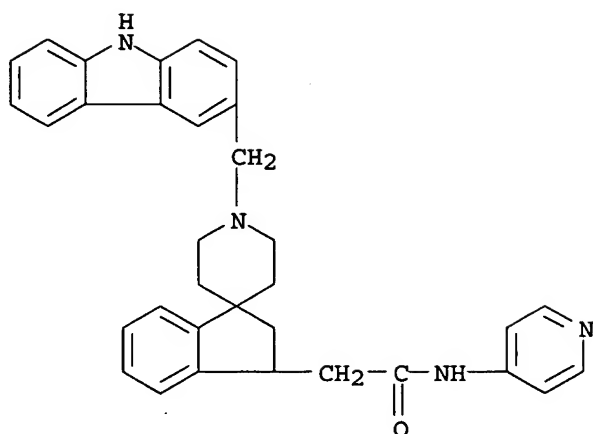
CN Spiro[1H-indene-1,4'-piperidine]-3-acetamide, 1'-(9H-carbazol-3-ylmethyl)-2,3-dihydro-N-3-pyridinyl- (9CI) (CA INDEX NAME)



RN 676607-08-2 CAPLUS

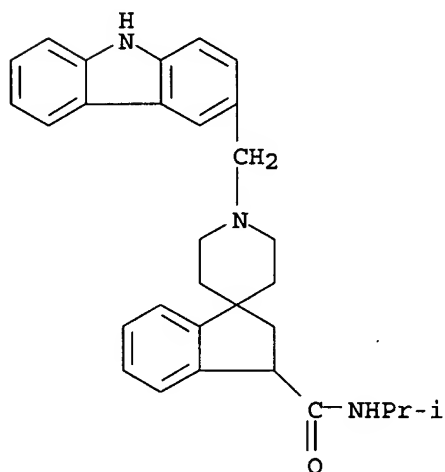
CN Spiro[1H-indene-1,4'-piperidine]-3-acetamide, 1'-(9H-carbazol-3-ylmethyl)-2,3-dihydro-N-4-pyridinyl- (9CI) (CA INDEX NAME)

9/14/05



RN 676607-10-6 CAPLUS

CN Spiro[1H-indene-1,4'-piperidine]-3-carboxamide, 1'-(9H-carbazol-3-ylmethyl)-2,3-dihydro-N-(1-methylethyl)- (9CI) (CA INDEX NAME)



IT 676607-27-5P

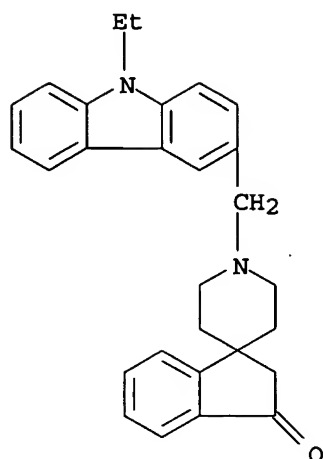
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of piperidinylmethyl carbazole derivs. as MCHR modulators)

RN 676607-27-5 CAPLUS

CN Spiro[1H-indene-1,4'-piperidin]-3(2H)-one, 1'-[(9-ethyl-9H-carbazol-3-yl)methyl]- (9CI) (CA INDEX NAME)

9/14/05



10669606